

**Katahdin Paper Company LLC
Penobscot County
Millinocket, Maine
A-406-77-2-A**

**Departmental
Findings of Fact and Order
New Source Review**

After review of the air emissions license application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., § 344 and § 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

FACILITY	Katahdin Paper Company LLC (KPC)
LICENSE TYPE	06-096 CMR 115, Minor Revision
NAICS CODES	322121
NATURE OF BUSINESS	Paper Mill
FACILITY LOCATION	Millinocket, Maine
NSR AMENDMENT ISSUANCE DATE	August 14, 2008

B. Revision Description

In an effort to reduce fuel costs, KPC has requested a minor revision to supplement its supply of #6 fuel oil with used vegetable oil. The supplier could provide KPC with up to approximately 9,000 gallons per week of used vegetable oil. (This is mentioned for informational purposes only and not intended as a limit.) In order to prevent the used vegetable oil from solidifying, it would be added to KPC's heated main #6 fuel oil storage tanks. The mixed oil will then be used to fire the mill's currently licensed oil fired power boilers (WB1, WB2, WB3 and WB4).

C. Application Classification

The application for KPC does not violate any applicable federal or state requirements and does not reduce monitoring, reporting, testing or record keeping. This application does address Best Available Control Technology (BACT) performed per New Source Review.

The Department does not expect the requested change to result in any increase of any regulated pollutant. Therefore, this amendment is determined to be a minor revision under *Major and Minor Source Air Emission License Regulations*, 06-096 CMR 115 (last amended December 1, 2005) and has been processed as such.

II. BEST PRACTICAL TREATMENT (BPT)

A. Introduction

In order to receive a license the applicant must control emissions from each unit to a level considered by the Department to represent Best Practical Treatment (BPT), as defined in 06-096 CMR 100. Separate control requirement categories exist for new and existing equipment as well as for those sources located in designated non-attainment areas.

BPT for new sources and modifications requires a demonstration that emissions are receiving Best Available Control Technology (BACT), as defined in 06-096 CMR 100. BACT is a top-down approach to selecting air emission controls considering economic, environmental and energy impacts.

B. Firing of Used Vegetable Oil

Used vegetable oil has very similar firing characteristics to the #6 fuel currently fired by KPC's boilers. This oil is considered a much cleaner fuel as it does not contain sulfur compounds or many of the other impurities found in #6 fuel oil. BACT for the firing of used vegetable oil is determined to be good combustion practices.

ORDER

Based on the above Findings and subject to conditions listed below, the Department concludes that the emissions from this source:

- will receive Best Practical Treatment,
- will not violate applicable emission standards,
- will not violate applicable ambient air quality standards in conjunction with emissions from other sources.

The Department hereby grants Air Emission License A-406-77-2-A pursuant to the preconstruction licensing requirements of 06-096 CMR 115 and subject to the standard and special conditions below.

Severability. The invalidity or unenforceability of any provision, or part thereof, of this License shall not affect the remainder of the provision or any other provisions. This License shall be construed and enforced in all respects as if such invalid or unenforceable provision or part thereof had been omitted.

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The following are New Conditions:

- (2) The Department approves of the firing of used vegetable oil in WB1, WB2, WB3, and WB4.

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2008.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAVID P. LITTELL, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 7/17/08

Date of application acceptance: 7/18/08

Date filed with the Board of Environmental Protection: _____

This Order prepared by Lynn Ross, Bureau of Air Quality.